



Eur päisch Pat ntamt
European Pat nt Office
Offi urop n d br v ts



(11) EP 0 709 225 A1

≡ to US
5710094

(12) EUROPEAN PATENT APPLICATION

(43) Date of publication: 01.05.1996 Bulletin 1996/18
(51) Int Cl.⁶: B41M 5/28, B41M 5/34

(21) Application number: 95307663.5

(22) Date of filing: 27.10.1995

(84) Designated Contracting States:
BE DE FR GB IT SE

(30) Priority: 27.10.1994 JP 262998/94
29.11.1994 JP 294142/94

(71) Applicant: NIPPON PAPER INDUSTRIES CO.,
LTD.
Kita-ku, Tokyo (JP)

(72) Inventors:
• Minami, Toshiaki, c/o Res. Lab. of Product Dev.
1-chome, Shinjuku-ku, Tokyo 161 (JP)

- Nagai, Tomoaki, c/o Res. Lab. of Product Dev.
1-chome, Shinjuku-ku, Tokyo 161 (JP)
- Hamada, Kaoru, c/o Res. Lab. of Product Dev.
1-chome, Shinjuku-ku, Tokyo 161 (JP)
- Sekine, Akio, c/o Res. Lab. of Product Dev.
1-chome, Shinjuku-ku, Tokyo 161 (JP)

(74) Representative: Woods, Geoffrey Corlett
J.A. KEMP & CO.
14 South Square
Gray's Inn
London WC1R 5LX (GB)

(54) Reversible multi-color thermal recording medium

(57) A reversible multi-color thermal recording medium comprises, laminated on a substrate:

(i) an irreversible thermal composition comprising a colorless or pale basic achromatic dye and an organic irreversible heat-resistant color developer; and

(ii) a reversible multi-color thermal composition comprising a colorless or pale basic achromatic dye and an organic reversible heat-resistant color developer.

BEST AVAILABLE COPY

EP 0 709 225 A1